

WHAT IS CLAIMED IS:

1. A portable communicator provided with:

wireless communication means wirelessly connected to a public communication channel for transmitting and receiving via said public communication channel;

a portable computer for directing control command to said wireless communication means, inputting data via said wireless communication means through said public communication channel, and for transmitting data via said wireless communication means through said public communication channel; and

a housing for holding said wireless communication means combined with said portable computer.

2. The portable communicator according to claim 1 characterized in that said portable computer is provided with print data output means for transmitting print data to print means held in said housing or provided outside said housing.

3. The portable communicator according to claim 2 characterized in that image information received through said wireless communication means is printed by said print means.

4. The portable communicator according to claim 1 characterized in that said portable computer is provided with:

a facsimile number memory means for storing a plurality of facsimile numbers;

selection means for selecting the facsimile number of an addressee from the facsimile numbers pre-stored in said

facsimile number memory means; and

image information sending means for calling the addressee having the facsimile number selected by said selection means and sending specified image information to the addressee.

5. The portable communicator according to claim 1 characterized in that said portable computer is provided with:

pen input means for entering character or image information with a pen; and

conversion means for converting the character information input from said pen input means into a specified code, wherein

the image information input from said pen input means or the code converted by said conversion means is transmitted via said wireless communication means.

6. The portable communicator according to claim 1 characterized in that said portable computer exchanges information with a specified center connected via said wireless communication means for handling clerical work, processing transaction and obtaining guide data.

7. The portable communicator according to claim 1 characterized in that said portable computer is provided with input means for inputting data regarding deposit and payment and transmits the data input from said input means via said wireless communication means to a finance computer center.

8. A portable communicator provided with:

wireless communication means wirelessly connected to a public communication channel for transmitting or receiving via said public communication channel;

a portable computer for directing control command to said wireless communication means, inputting data via said wireless communication means through said public communication channel, and for transmitting data via said wireless communication means through said public communication channel; and

a housing for holding said wireless communication means combined with said portable computer, being characterized in that said portable computer is provided with a position coordinate data input means for inputting position coordinate data from GPS user device held in said housing or provided outside said housing.

9. The portable communicator according to claim 8 characterized in that said portable computer is further provided with position coordinate data use means for using the data obtained by using the position coordinate data input from said position coordinate data input means.

10. The portable communicator according to claim 9 characterized in that said position coordinate data use means transmits the present position information based on the position coordinate data obtained from said GPS user device, through facsimile or telephone via said wireless communication means.

11. The portable communicator according to claim 10

characterized in that said position coordinate data use means retrieves the pre-stored map information based on said position coordinate data and transmits the map information corresponding to the position coordinate data through facsimile via said wireless communication means.

12. The portable communicator according to claim 10 characterized in that said position coordinate data use means retrieves the pre-stored map information based on said position coordinate data, extracts the feature of the position adjacent to the existing position from the map information corresponding to the position coordinate data, converts said feature into phonetic data and transmits the phonetic data through telephone via said wireless communication means.

13. The portable communicator according to claim 9 characterized in that said position coordinate data use means selects the transmission number of the trader located nearest to the existing position from a plurality of traders providing desired service, based on the position coordinate data obtained from/said GPS user device.

14. The portable communicator according to claim 9 characterized in that said position coordinate data use means retrieves specified map information based on the position coordinate data obtained from said GPS user device, and selects the transmission number of the trader located nearest to the existing position on map from a plurality of traders providing desired service.

15. A portable communicator provided with:

wireless communication means wirelessly connected to a public communication channel for transmitting and receiving via said public communication channel;

connection specification memory means for storing the specification of connection to said public communication channel;

communication control means for directing control command to said wireless communication means, inputting data via said wireless communication means through said public communication channel, and for transmitting data via said wireless communication means through said public communication channel;

connection specification signal output means for transmitting the signal regarding the connection specification to said wireless communication means or said communication control means based on the content of storage in said connection specification memory means; and

a housing for holding said wireless communication means combined with said communication control means, said connection specification memory means and said connection specification output means.

16. The portable communicator according to claim 15 characterized in that said connection specification memory means stores a wave form, frequencies and protocol for linkage to the wireless communication network of every country.

17. A portable communicator provided with:

wireless communication means wirelessly connected to a public communication channel for transmitting and receiving via said public communication channel;

a portable computer for directing control command to said wireless communication means, inputting data via said wireless communication means through said public communication channel, and for transmitting data via said wireless communication means through said public communication channel; and

a housing for holding said wireless communication means combined with said portable computer, characterized in that

said portable computer is provided with:

country code memory means for storing transmission numbers specified by country;

transmission number memory means for storing transmission numbers subordinate to said transmission numbers by country;

addressee designating means for designating an addressee including designation of a country to address to; and

input means for entering the addressee overseas based on designation of said addressee designating means, and

said portable computer retrieves country code memory means and transmission number memory means based on addressee data entered from said input means and prepares the addressee number by combining the country code with the subordinate

transmission number.

18. A portable communicator provided with:

wireless communication means wirelessly connected to a public communication channel for transmitting and receiving via said public communication channel;

a portable computer for directing control command to said wireless communication means, inputting data via said wireless communication means through said public communication channel, and for transmitting data via said wireless communication means through said public communication channel; and

a housing for holding said wireless communication means combined with said portable computer, characterized in that

said portable computer is provided with:

country code memory means for storing transmission numbers specified by country;

retrieval means for retrieving said country code memory means based on the addressee number of transmission received from overseas and extracting the country name corresponding to the country code; and

display means for displaying the retrieved country name together with received information.

19. A portable communicator provided with:

wireless communication means wirelessly connected to a public communication channel for transmitting and receiving via said public communication channel;

a portable computer for directing control command to

said wireless communication means, inputting data via said wireless communication means through said public communication channel, and for transmitting data via said wireless communication means through said public communication channel; and

a housing for holding said wireless communication means combined with said portable computer, characterized in that said portable computer is provided with:

image data base for storing a plurality of image information regarding a prepared image;

image detection means for detecting image;

image retrieval means for retrieving image information of the image similar to said detected image; and

data transmitting and receiving means for transmitting and receiving data via said wireless communication means, based on the signal corresponding to said similar image information.

20. A computer data output device for outputting information and at the same time outputting a specified signal to a computer for inputting a response signal of said information, provided with

an image data base for storing a plurality of image information regarding a prepared image;

image detection means for detecting an image;

image retrieval means for retrieving an image information of the image similar to said detected image from said image data base; and

retrieval signal output means for outputting to said computer the signal corresponding to the image information of said similar image.

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